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(75) Inventor/Applicant (for US only): TAKEUCHI, Keisatoshi [JP/JP]; c/o SEIKO EPSON CORPORATION, 3-3, Owa, 3-chome, Suwa-shi, Nagano-ken 392-8502 (JP).

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(74) Agent: ASAHI, Kazuo; Nishi-Shinbashi Noa Building, 4th floor, 18-9, Nishi-Shinbashi 1-chome, Minato-ku, Tokyo 105-0003 (JP).

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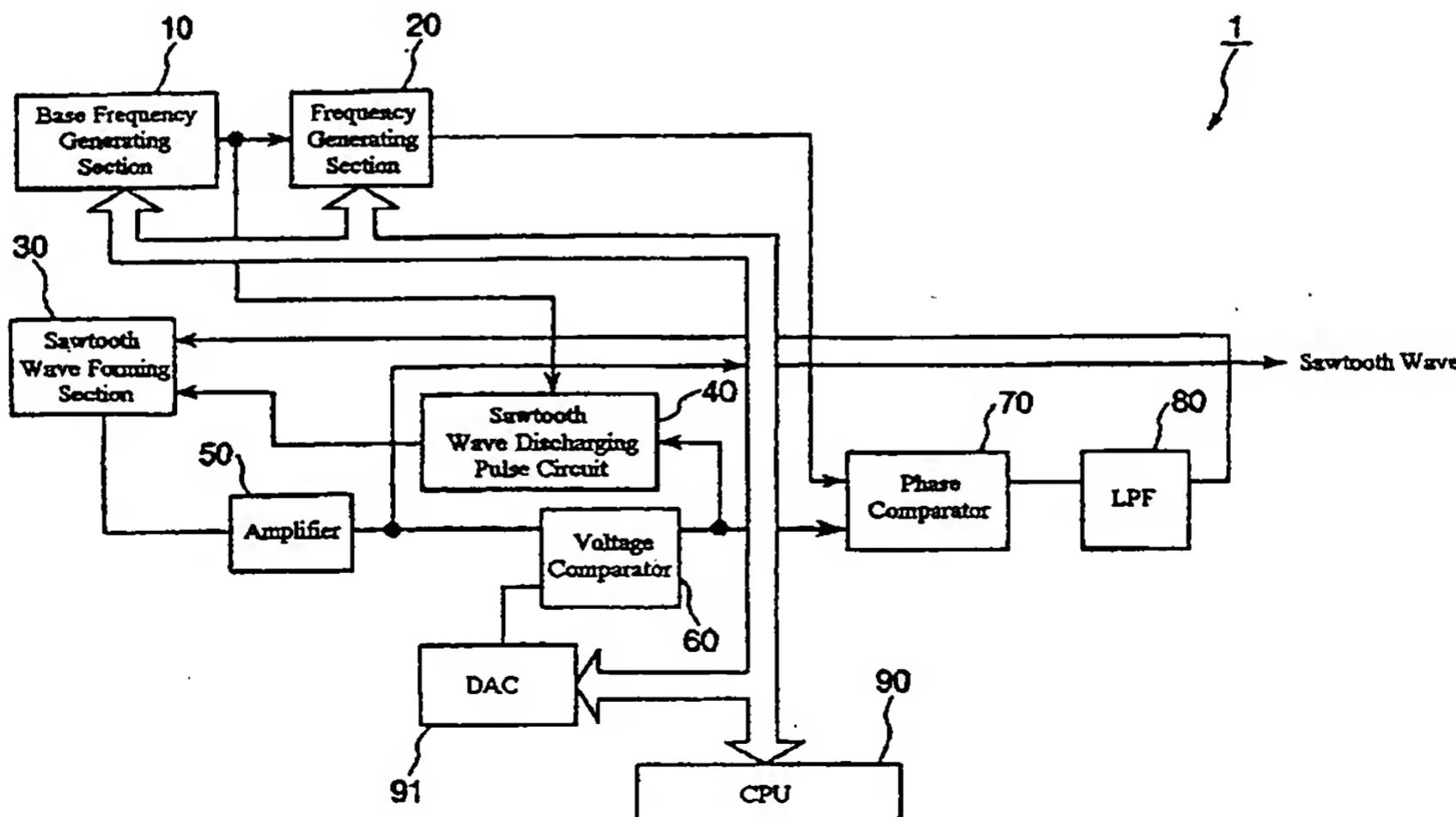
(71) Applicant (for all designated States except US): SEIKO EPSON CORPORATION [JP/JP]; 4-1, Nishishinjuku 2-chome, Shinjuku-ku, Toyko 163-0811 (JP).

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(54) Title: A SAWTOOTH WAVE GENERATING APPARATUS, A METHOD OF GENERATING SAWTOOTH WAVE, A CONSTANT CURRENT CIRCUIT, AND A METHOD OF ADJUSTING AMOUNT OF CURRENT FROM THE SAME



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(57) Abstract: A sawtooth wave generating apparatus 1 includes a base frequency generating section 10 and a frequency generating section 20 for generating the frequency of a reference signal, a sawtooth wave forming section 30 which forms a sawtooth wave based on the reference signal, a voltage comparator 60 which compares the voltage value of the sawtooth wave formed by the sawtooth wave forming section 30 with a predetermined voltage value, a phase comparator 70 which compares the phase of the output signal from the voltage comparator 60 with the phase of the reference signal, and a low-pass filter (LPF) 80 which cuts out a high frequency component of the output signal from the phase comparator 70, and feeds back the resulting output signal to the sawtooth wave forming section 30.